9051 Mira Mesa Blvd, #910094
San Diego, CA 92191
Tel: 760-390-3989

FCER1A Human

Fc-Epsilon RI-Alpha Human Recombinant
RCP0839

Product Overview

Name	FCER1A Human
Description	
Fc-Epsilon RI-Alpha Human Recombinant	
Accession (Primary)	P12319
Synonyms	
Fc Fragment Of IgE, High Affinity I, Receptor For; Alpha Polypeptide, FCE1A, IgE Fc Receptor Subunit Alpha, FcERI, Fc-Epsilon RI-Alpha, Fc Epsilon RI Alpha-Chain, Fc IgE Receptor, Alpha Polypeptide, High Affinity Immunoglobulin Epsilon Receptor Alpha-Subunit, High Affinity Immunoglobulin Epsilon Receptor Subunit Alpha, Immunoglobulin E Receptor, High-Affinity, Of Mast Cells, Alpha Polypeptide.	
Introduction	
Fc fragment of IgE, high affinity I, receptor for; alpha polypeptide (FCER1A) binds to the Fc region of immunoglobulins epsilon. FCER1A is a high affinity receptor. In addition FCER1A is responsible for starting the allergic response. Binding of allergen to receptor-bound IgE leads to cell activation and the release of mediators such as histamine which is responsible for the manifestations of allergy. This receptor is contains of an alpha subunit, a beta subunit, and two gamma subunits. FCER1A stands for the alpha subunit. Among the diseases associated with FCER1A are mast-cell leukemia, and allergic asthma.	
Source	
Escherichia Coli.	
Physical Appearance	
Sterile Filtered clear solution.	
Formulation	
FCER1A protein solution (0.25mg/ml) containing 20mM Tris-HCl buffer (pH 8.0), 0.15M NaCl, 30% glycerol and 1mM DTT.	
Stability	
Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Please avoid freeze thaw cycles.	
Purity	
Greater than 85% as determined by SDS-PAGE.	

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Amino acid sequence

MGSSHHHHHH SSGLVPRGSH MGS VPQKPKV SLNPPWNRIF KGENVTLTCN GNNFFEVSST KWFHNGSLSE

ETNSSLNIVN AKFEDSGEYK CQHQQVNESE PVYLEVFSDW LLLQASAEVV MEGQPLFLRC HGWRNWDVYK

VIYYKDGEAL KYWYENHNIS ITNATVEDSG TYYCTGKVWQ LDYESEPLNI TVIKAPREKY WLQ

Precautions

FCER1A Human is for research use only and not for use in diagnostic or therapeutic procedures.

Target Information: (P12319)